

Z/057/62/000/008/001/001
1037/1237

AUTHOR. Topol, Jan

TITLE: Silicothermic production of magnesium

PERIODICAL: Hutník, no. 8, 1962, 391-394

TEXT: Basic Reactions: $2\text{MgO} + 2\text{CaO} + \text{FeSi} = 2\text{Mg} + 2\text{CaO} \cdot \text{SiO}_2$ CaF_2 added to the heated and ground dolomite together with FeSi. The mixture is pressed into bricks which are reduced at 1250°C - 1300°C and vacuum of 10^{-2} Torr. in either electrical or retort furnace. The Mg, which is then refined by remelting, is of 99.9% purity. The technological side of the production has been worked out. The problem of utilization of the slag and of rebuilding of corroded retorts were solved. There are 4 figures.

ASSOCIATION: Panenské Břežany

Card 1/1

TOPOL, Jan

Possibility of magnesium extraction by a silicothermic reduction from domestic raw materials. Hut listy 17 no.1:49-52 Ja '62.

1. Vyzkumny ustav kovu, Panenske Brezany.

L 21355-66 EWP(t) IJP(c) JD/WB
ACC NR: AP6010893

SOURCE CODE: CZ/0034/65/000/008/0579/0583

AUTHOR: Topol, Jan

ORG: Metallurgical Research Institute, Panenske Brezany (Vyzkumny ustav kovu)

TITLE: Controlled atmospheres for bright annealing of copper

SOURCE: Hutnicke listy, no. 8, 1965, 579-583

TOPIC TAGS: annealing, copper, metal oxidation, metal heat treatment

ABSTRACT: Copper is not as sensitive to oxidation as most metals. However, to maintain a bright surface and avoid losses of metal, controlled atmospheres during heating are used. The atmospheres discussed are: heating under vacuum, heating in inert atmospheres, removal of oxygen from gases by using scrubbing with a pyrogallol solution, heating in reducing atmospheres, heating in a hydrogen medium, heating in a medium of steam, and heating in carbon dioxide. Industrial practice using oxygen-free atmosphere, so called exo-atmosphere, is described. These atmospheres should not contain excessive amounts of hydrogen in order to avoid its reaction with copper. Up to 25% of H_2 is admissible. Even work in a nitrogen atmosphere may be used for operations of a limited size, or as a temporary measure. Orig. art. has: 1 figure, 11 formulas, and 2 tables. [JPRS]

SUB CODE: 13, 11 / SUBM DATE: none / ORIG REF: 001 / OTH REF: 005

UDC: 669.785.34: 669.3

Card 1/1

TOPOL, Jaroslav

Alternating current motors with a vertical axis. El tech obzor 52
no.3:134-136 Mr '63.

1. Ceskomoravska-Kolben-Danek Praha, n.p.

KANFER, D.F., inzh.; CHERNOV, G.I., inzh.; TOPOL', N.F., inzh.;
ALFEROV, K.S., inzh.; YEVDOKIMOV, N.A., inzh.

Research at the Makeyevka Metallurgical Plant. Stal' 22
no.2:116,130-131,156 F '63. (MIRA 16:2)
(Makeyevka—Metallurgical research)

TOPOL, O.; BERGSTEINOVA, V.; LISKA, M.

Relation of sex chromatins to hormonal therapy of breast tumors.
Cesk.rentg. 15 no.1:17-24 F '61.

1. Onkologicke oddeleni FN KU, Praha 10. Patologickoanatomicky
ustav FN KU, Praha 10.

(BREAST NEOPLASMS ther)
(HORMONES ther)
(CHROMOSOMES)

TOPOL, Oskar

Cooperation between radiologists and surgeons in the treatment of pulmonary cancer. Cas.lek.cesk 100 no.36:1138-1141 8 S '61.

1. Onkologicke oddeleni LFH KU v Praze, zastupce prednosty MUDr.
L. Lintner.

(LUNG NEOPLASMS radiother) (PNEUMONECTOMY)

TOPOL, O.; JEDLICKA, P.; CHODOUNSKY, Z.

Our experiences with the treatment of malignant brain tumors with radiations. Cesk. neurol. 25 no.3:154-159 My '62.

1. Radiologicke oddeleni Fakultni nemocnice, Praha 10, vedouci MUDr.
L. Lintner Neurologicka klinika lekarske fakulty hygienicke KU v Praze
10, prednosta doc. dr. Zdenek Macek.

(BRAIN NEOPLASMS radiother)

TOPOL, O.; BERGSTEINOVA, V.; CHODOUNSKY, Z.

Five-year treatment results in breast cancer. Cesk. rentgen.
18 no.1:1-10 Ja'64.

1. Onkologicke oddeleni fakultni nemocnice v Praze 10.

*

TOPOL, O.

The partisan struggle was difficult. Cas. lek. cesk. 103 no. 35:
956-957 28 Ag '64.

L 32987-66
ACC NRI AF6024086

SOURCE CODE: CZ/0082/66/000/001/0025/0032

AUTHOR: Topol, O. (Prague); Chodounsky, Z.

ORG: Radiological Clinic, Medical Faculty of Hygiene, KU/headed by Professor,
Doctor R. Blaha/, Prague (Radiologicka klinika lekarske fakulty hygienicke KU)

TITLE: X-ray treatment of intracranial tumors ²²

SOURCE: Ceskoslovenska neurologie, no. 1, 1966, 25-32

TOPIC TAGS: tumor, brain, neurosurgery, radiology, x radiation, histology

ABSTRACT: Methods of X-ray treatment of intracranial tumors are discussed. Analysis of gliomas from the point of view of survival in various histological types, methods of treatment and other aspects are evaluated. Preoperative irradiation in close cooperation with neurosurgical treatment is recommended. Orig. art. has: 5 figures and 1 table. [Based on authors' Eng. abst.] [JPRS]

SUB CODE: 06 / SUBM DATE: none / ORIG REF: 011 / OTH REF: 012

Card 1/1

BK

0915

1651

TOPOL' O.
BREJCHA, M.; SLABA, J.; TOPOL', O.

Application of photography in practical dosimetry. Cesk.onkol.
2 no.2-3:177-182 1955.

1. Onkologicke odd. SNF v Praze XII a n.p. Zdravotnicke opravny,
roentgenotechnicke odd. v Praze. MUDr M. Brejcha, MUDr O. Topol',
SFN Praha XII, Sbrobarova 50. RNDr J. Slaba, Zdravotnicke opravny,
n. p., Praha I, Martinska 3)
(RADIOTHERAPY,
dosimetry, photography in)
(PHOTOGRAPHY,
in dosimetry of x-ray)

EXCERPTA MEDICA Sec. 6 Vol. 11/6 June 57
TOPOL O.

3608. BREJCHA M. and TOPOL O. *Předběžné výsledky léčení maligních onemocnění sarkomycinem. Preliminary results of treatment of malignant diseases with sarcomycin ČAS. LÉK. ČES. 1956, 95/42 (1175-1178) Tables 1
Treatment of malignant diseases with sarcomycin, alone or in combination with irradiation yielded a mainly subjective improvement of brief duration in 6 patients out of 12, the condition of the other patients remaining unaffected. (VI, 5, 16)

EXCERPTA MEDICA Sec 15 Vol 12/10 Chest Dis. Oct. 59

2116. RADICAL X-RAY THERAPY OF BRONCHOGENIC CARCINOMA, ITS INDICATION, COUNTERINDICATION AND THERAPEUTIC RESULTS -
Topol O. Oncol. Dept., Fac. of Med. (Hyg.), Prague - NEOPLASMA 1958, 5/3 (262-275) Tables 13 illus. 5

The author regards bronchogenic carcinoma as 'basically radiosensitive, becoming radioresistant only in the course of supervening pulmonary processes, especially infection'. Radiation failures are ascribed to the far-advanced stage of the disease or inefficient irradiation. The author reports an experience with radiotherapy of 482 patients with bronchial cancer (1950-1955). About 21% (101) were given radical therapy (many 4000 r. tumour dose in 4 to 5 weeks). The description of the technique is not clear. Both 200 kv. and 800 kv. beams were employed with a 'focused technique'. Contraindications to radiotherapy include Jores' cavern, severe bleeding, multiple lung metastases, tumour invasion of large vessels and florid tb. Treatment is augmented by high-protein diet, blood transfusions and antibiotics. Some 65 patients lived more than one year after radical treatment; 5 lived 5 yr. The type of histology did not influence survival. The author believes that by treating the primary plus the mediastinal area good results can be obtained.

Garland - San Francisco, Calif. (XIV, 5, 15)

TOPOL, O. (Praha 15-Podoli, Prava ul. 3)

Radical x-ray therapy of bronchogenic carcinoma, its indication, counter-indication and therapeutic results. Neoplasma, Bratisl. 5 no.3:262-275 1958.

1. Oncologic Department, Faculty of Medicine (Hygiene), Prague 12.
(RADIOTHERAPY, in various dis.
cancer of lungs, radical x-ray ther., indic. & contraindic.)
(LUNG NEOPLASMS, ther.
radical x-ray ther., indic. & contraindic.)

TOPOL, O.; JEDLICKA, P.; BENES, J.

Standardization of roentgenotherapy of intracranial tumors. Cas. lek. cesk. 97 no.14:451-455 4 Apr 58.

1. Onkologicke oddeleni LFH v Praze 12, prednosta MUDr. E. Ungar.
Neurologicka klinika LFH v Praze 12, prednosta prof. MUDr. J. Sebek.
O. T., Praha 15, Prava ul. 3.

(BRAIN NEOPLASMS, ther.
radiother., standard. (Cz))
(RADIOTHERAPY, in various dis.
cancers of brain, standard. (Cz))

TOPOL, Oskar (Praha 12, Srobarova 50)

Importance of bronchoscopy in x-ray therapy of bronchogenic carcinoma.
Cas. lek. cesk. 97 no.31-32:1012-1013 8 Aug 58.

1. Onkologicke oddeleni LFH Praha-12, prednosta MUDr. Emil Ungar.
(LUNG NEOPLASMS, ther.
x-rays, bronchoscopic control (Cz))
(RADIOTHERAPY, in various dis.
cancer of lungs, bronchoscopic control (Cz))
(BRONCHOSCOPY
in x-ray ther. of cancer of lungs (Cz))

TOPOLAC, Z.; BURIC, I.; SKOROBRIJAN, M.

Quenching of fluorescence in quinoline and its derivatives by organic substances. Glas Hem d. 28 no.5/6:257-263 '63.

1. Institute of Physics, Belgrade.

CZECHOSLOVAKIA

J. PETROVA and O. TOPOLCAN, Psychiatric Hospital (Psychiatricka lecebna) Dobruška.

"Preliminary Report About Psychoses Due to Cycloserine."

Prague, Czechoslovakian Psychiatry, Vol 59, No 1, Jan 63; pp 20-23.

Abstract: Detailed case reports about 6 patients with psychotic syndromes which broke out during treatment with average (up to 750 mg. per day) doses of cycloserine. Many additional cases are briefly reported. Some of the patients had a familial or individual predisposition. Usually there was a manic component initially, later delirious, paranoid, hallucinatory symptoms as well as a depressive phase. Questions value of drug in treatment of tuberculosis in view of severity of this side effect.

1/1

TOPCLCIC, Zarko

Methods and techniques in organizing and shaping pharmaceutical packaging. Farmaceut gl Zagreb 20 no.9:342-347 3 '64.

1. Center of Industrial Packaging, Zagreb.

TOPOLCIC, Zarko (Zagreb)

Technical planning and design of packing. Nafta Jug 15
no. 3:62-65 Mr '64.

PETROVA, J.; TOPOICAN, O.

Electroshock therapy in tuberculous psychotic patients. Cesk. psychiat.
55 no.3:147-152 June 59.

1. Psychiatricka lecebna v Dobrušce.
 (SHOCK THERAPY, ELECTRIC, in various dis.
 psychoses in tuberc. (Cz))
 (TUBERCULOSIS, psychol.
 psychoses, electroshock ther. (Cz))
 (PSYCHOSES, ther.
 electroshock ther. in tuberc. (Cz))

TOPOLGIC, V.

Physics. Bul sc Youg 7 no.4/5:105 Ag-0 '62.

1. Redacteur d'extraits, "Bulletin scientifique".

TOPOLCIC, V.; DULIC, B.

"Biology" by N. Allegretti, B. Vitale, D. Dekaris, E. Kos,
M. Drakulic, S. Canadija. Reviewed by V. Topolcic, B. Dulic.
Bul sc Young 7 no.4/5:130 Ag-0 '62.

TOPOLCIC, V.

"Protons from ^{32}S bombarded by 14.4 Mev. neutrons" by [Institut
"Ruder Boskovic", Zagreb] B.Antolkovic. Reviewed by V.Topolcic.
Bul sc Youg 7 no.3:73 Je '62.

1. Rédacteur d'extraits, "Bulletin scientifique."

TOPOLCIC, V.

"Alkylmercuric derivatives. Oxides, carbonates, and trimethylmercurioxonium salts" by [Institut "R.Boskovic, Zagreb] D. Grdenic and F.Zado. Reviewed by V.Topolcic. Bul sc Youg 7 no.3:73 Je '62.

Topolcic, V.
Chem. Zvesti
Bul sc Youg
7 no.3:73 Je '62

TOPOLCIC, V.

"Excitation processes in helium, induced by impact of protons and neutrons" by [Institut "R. Boskovic", Zagreb] Z. Sternberg and P. Tomas. Reviewed by V. Topolcic. Bul sc Youg 7 no.6: 167 D '62.

1. Rédacteur d'extraits, "Bulletin scientifique."

TOPOLCIC, V.

"Biology" by [Institut "R. Boskovic, Zagreb] V. Stankovic,
S. Keckes, N. Allegretti, M. Randic, and Z. Supsek. Reviewed
by V. Topolcic. Bul sc Youg 7 no.6:179 D '62.

1. Redacteur d'extraits, "Bulletin scientifique."

TOPOLCIC, V.

"Attempt to determine the n-n scattering length from the reaction $D(n, p) 2n$ " by K. Ilakovac, L. G. Kuo, M. Petravic, I. Slaus. Reviewed by V. Topolcic. Bul so Youg 7 no.4/5: 122 Ag-0 '62.

TOPOLCIC, V.

"Capture of 14.4 - MeV neutrons by protons and deuterons" by
M. Cerineo, K. Ilakovac, I. Slaus, P. Tomas. Reviewed by V.
Topolcic. Bul se Young 7 no.4/5:122 Ag-0 '62.

TOPOLCIC, V.

"Reaction mechanism and shell effects from the interaction of 14.6 MeV neutrons with nuclei" by P. Strohal, N. Cindro, and B. Eman. Reviewed by V. Topolcic. Bul sc Young 7 no.4/5:122 Ag-0 '62

TOPOLCIC, V.

"The determination of random event-rate based on counter live-time measurement" by [Institut "R. Boscovic", Zagreb] V. Radeka. Reviewed by V. Topolcic. Bul sc Youg 8 no.3/4: 72 Je-Ag'63.

"New counting circuits with EIT tubes" by [Institut "R. Boscovic", Zagreb] V. Radeka. Reviewed by V. Topolcic. 72.

"Pulse-amplitude multipliers using logarithmic amplitude-to-time conversion" by [Institut "R. Boscovic", Zagreb] M. Konrad. Reviewed by V. Topolcic. 72

1. ~~Redaction~~ d'extraits, "Bulletin Scientifique".

TOPOLCIC, V.

"Parallel plate halogen counter for high intensity radiation" by [Institut R.Boskovic, "Zagreb], D.Srdoc. Reviewed by V.Topolcic. Bul sc Youg 8 no.3/4:93 Je-Ag'63.

"Scattering of fast neutrons by aluminum" by [Institut R.Boskovic*, Zagreb] D Winterhalter. Reviewed by V.Topolcic. 93

"The charge asymmetry of the deuteron and nuclear stripping reactions" by [Institut "R.Boskovic", Zagreb] E.Coffou -93. Reviewed by V.Topolcic. 93

"Theory of scattering of highly singular potentials" by [Institut "R.Boskovic", Zagreb] N.Limic. Reviewed by V. Topolcic. 93

1. Redacteur d'extraits, "Bulletin Scientifique".

TOPOLCIC, V.

"Simple demonstration experiments in the Abbe theory of image formation " by [Institut "R.Boskovic", Zagreb] K.Kranjc. Reviewed by V.Topolcic. Bul sc Youg 8 no.3/4:93 Je-Ag'63

" A frequency controlled magnetically coupled multivibrator" by [Institut "R.Boskovic", Zagreb] G.Smiljanic. Reviewed by Topolcic. 94

"Response in electronic integrators" by [Institut "R.Boskovic", Zagreb] M.Konrad. Reviewed by V.Topolcic. 94

"Transistorized converter with saturated magnet core" by [Institut "R.Boskovic", Zagreb] G.Smiljanic. Reviewed by V.Topolcic. 94

" A multiple pulse display system" by [Institute "R.Boskovic", Zagreb] L.Gucancic. Reviewed by V.Topolcic. 94

"Lignad field splitting of d orbitals in eight coordinated complexes of dodecahedral structure" by [Institut "R.Boskovic", Zagreb] M.Randic. Reviewed by V.Topolcic. 94

1. Redacteur d'extraits, "Bulletin scientifique".

TOPOLCIC, V.

"Proton conductivity in Borax $N_2B_4O_5(OH)_8H_2O$ " by [Institut "R.Boskovic", Zagreb] S.Maricic, V.Pravdic, and Z.Veksli. Reviewed by V.Topolcic. Bul sc Youg 8 no.3/4: 94 Je-Ag'63.

"The reactivity of co-ordinated acetylacetone" by [Institut "R.Boskovic", Zagreb] C.Dordevic, J.Lewis, and R.S.Nyholm. Reviewed by V.Topolcic. 95

"Proton magnetic resonance in borax" by [Institut R.Boskovic", Zagreb, (and) Institut "J.Stefan", Ljubljana] S.Maricic, Z.Veksli, and M.Pintar. Reviewed by V.Topolcic. 95

"Secondary hydrogen isotopes effects. IV.Solvolysis rates of specifically deuterium labeled cyclopropylmethyl benzenesulfonates" by [Institut "R.Boskovic", Zagreb] S.Borcic, M. M.Nikoletic, and D.E.Sunko. Reviewed by V.Topolcic. 95

1. Redacteur d'extraits, "Bulletin scientifique".

TOPOLCIC, Zarko (Zagreb, Gajeva 26)

Elements and organization of packaging. Tehnika Jug 17 no.10:
Suppl.: Organizacija rada 12 no.10:2015-2019 0 '62.

1. Savetnik Saveznog centra za obrazovanje rukovodećih kadrova
u privredi, Zagreb.

TOPOLEWICZ, C.

Regeneration of pitch road surfaces. p. 192
(Instytut Techniki Budowlanej) Warszawa, Poland.

Vol. 10, no. 8, Aug. 1955

So. East European Accessions List Vol. 5, no. 1, Jan. 1956

TOPOLEV, A.

"The force of a production conference by I.Tkachev. Reviewed
by A.Topolev. Sov.profsoiuzy 16 no.13:59-60 J1 '60.

(MIRA 13:8)

(Workds councils) (Tkachev, I.)

TOPOLEV, A.; KOLGANOV, I., yurist

Our consultations. Sov. profsoiuzy 18 no.4:45-46 F '62.
(MIRA 15:3)
(Leningrad--Work councils) (Installment plan)

TOPOLEV, A.

Eliminate shortcomings decisively and quickly. Sov. profsciuz
6 no.6:19-23 Je '58. (MIRA 11:7)
(Construction industry)

TOPOLEV, A.

"At the club interesting to everybody" by V.Brudnyi. Reviewed by
A.Topolev. Sov.profsoiuzy 18 no.14:41-42 J1 '62. (MIRA 15:7)
(Odessa—Community centers) (Brudnyi, V.)

PETROV, G.G., inzhener; TOPOLEV, A.M.

Introduction of limit gauges at the Shumerlya Furniture Combine.

Der.i lesokhim. prom. 3 no.5:17-18 My '54.

(MLRA 7:6)

1. Shumerlinskiy mebel'nyy kombinat. (Gauges)

TOPOLEV, H.

AGRICULTURE

Periodical: SOTSIALSTLIK ROLLUMAJANDUS Vol 14, no. 1, Jan. 1959

TOPOLEV, H. Practical work could be more efficient. p. 33.

Monthly List of East European Accessions (EEAI) LC, Vol. 18, No. 5,
May 1959, Unless.

TOPOLEV, M.A., inzh.

Concrete distributor equipped with a boom conveyer. Transp.
stoi. 9 no.1:59 Ja '59. (MIRA 12:2)
(Building machinery) (Reinforced concrete construction)

TOPOLEV, N.

~~Fattening farms~~ are improving their work. Mias. ind. SSSR 29
no.1:33-34 '58. (MIRA 11:3)

1.Penzenskiy sovnarkhoz.
(Penza Province--Swine--Feeding and feeding stuffs)

TOPOLEWICZ, A.

Computing iron and concrete composite constructions.

P. 283 (Inzynier~~ia~~ i Budownictwo. Vol. 14, no. 8, Aug. 1957, Warszawa, Poland)

Monthly Index of East European Accèssions (EEAI) LC. Vol. 7, no. 2,
February 1958

ТОПОЛЕВ, В. П.

PHASE I BOOK EXPLOITATION 501/5207

Vsesoyuznaya konferentsiya professorov i predavateley pedagogicheskikh institutov. Priblizheniya ultrazvukov k issledovaniyu veshchestva (Utilization of Ultrasonics for the Investigation of Matter) Moscow, Izd. MGII, 1965. 287 p. 1,000 copies printed. (Series: Its Trudy, vyp. 11)

Ed. (Title page): V.P. Topolev, Professor and B.B. Kulyavtsev, Professor.

PURPOSE: This collection of articles is intended for physicists specializing in the physics of ultrasound.

CONTENTS: The collection of articles constitutes the transactions of the VII Conference on the Applications of Ultrasonics to the Study of Materials, which was held at the Moscow Oblast Pedagogical Institute from 1964. Individual articles of the collection discuss various problems in the wave mechanics of ultrasound, the absorption and the propagation mechanics of ultrasonic waves in various media, the operating principles and design of generators and receivers of ultrasonic waves, the spread of sound and methods for its determination. Other articles deal with the applications of ultrasonics to investigations of the properties of materials. No formalities are mentioned. Informal summary

Utilization of Ultrasonics (Cont.)

501/5207

- 163 Dzhuravleva, B.N., and B.B. Kulyavtsev (Moscow Oblast Pedagogical Institute from 1964). Propagation of Sound in Dispersive Media 163
- Kulyavtsev, B.B. (Moscow Pedagogical Institute). Determination of the Speed of Ultrasound from the Periodic Variations of the Phase Relations of Two Acoustic Pulses 175
- Kanitsorn, B.P., and B.B. Kulyavtsev (Moscow Oblast Pedagogical Institute from 1964). Speed of Sound in Aqueous Solutions of Na_2CO_3 181
- Shalunov, A.B., and B.B. Kulyavtsev (Khabarovsk Medical Institute - Khabarovsk Medical Institute, and Moscow Oblast Pedagogical Institute from 1964). Investigation of the Propagation of Ultrasonic Waves in Three-Liquid Mixtures Which Have Different Interaction Patterns 191
- Kozera, B.P., and B.B. Kulyavtsev (Moscow Oblast Pedagogical Institute from 1964). Application of Acoustic Measurements in the Study of Density Fluctuations in Liquids 201
- Glinitskiy, A.A. (Moscow Oblast Pedagogical Institute from 1964). Diffraction of Light on Deformed Ultrasonic Waves 205
- Parozetcho, I.I., and V.P. Yakovlev (Moscow Oblast Pedagogical Institute from 1964). New Method Using Interferometer to Measure Absorption of Ultrasound 213
- Shkharich, M.G. (Moscow Oblast Pedagogical Institute from 1964). Investigation of the Speed of Propagation and Absorption of Ultrasound in Liquid Phase Methyl Alcohol Near the Critical Region 219
- Malyavin, I.G. (Moscow Oblast Pedagogical Institute from 1964). Investigation of Temperature Dependence of Blowing and Volumetric Viscosity of Certain Organic Liquids in the Critical Region 225
- Rodin, Ya.P., and V.S. Tikhonov (Odesskiy politehnicheskii institut - Odessa Polytechnic Institute). Method for Measuring the Intensity of an Ultrasonic Field in Connecting Liquids 233
- Parozetcho, I.I., and V.P. Yakovlev (Moscow Oblast Pedagogical Institute from 1964). Reflection Properties of Van Der Waals Gases 239
- Merkulov, L.G. (MGII im. V.I. Ul'yanova (Lenin) - Leningrad Electrotechnical Institute from 1964). Absorption of Ultrasonic and Hyperacoustic Waves in Certain Crystals 247
- Topolev, V.P. Lecture Room Demonstrations With Ferrite Ultrasound Radiators 253
- Bulletin 265

AVAILABLE: Library of Congress (QC244.V82)

NAGORNIY, L.Ya., kand.tekhn.nauk; TOPOLEV, V.P.

Noncontact standard alternating voltage switch for weighing devices. Avtom.i prib. no.3:66-68 JI-S '62. (MIRA 16:2)

1. Institut avtomatiki Gosplana UkrSSR.
(Electric switchgear)

NAGORNYI, L.Ya.; TOPOLEV, V.P.

Noncontact electronic a.c. switch. Izv.tekh. no.12:43-46
D '62. (MIRA 15:12)

(Electronic instruments)

NAGORNYI, L.Ya.; PECHUK, V.I.; SKRIPCHUK, V.Yu.; TOPOLEV, V.P.

Methods for reducing the dynamic error of tensometric scales.
Izm. tekhn. no.12:15-17 D '63. (MIRA 16:12)

SABURDO, G.A.; TOPOLEV, V.P.

Investigating dynamic errors in weighing moving loads. Izv.
tekh. no.11:14-16 N '64. (MIRA 18:3)

AMR

*General Theoretical and
Experimental Methods*
34

390. D. B. Topolianski, "On approximations to Dirichlet's integral" (in Russian), *Appl. Math. Mech. (Prikl. Mat. i Mekh.)*, Sept-Oct. 1947, vol. 11, pp. 551-554.

This paper describes an approximation from below to the Dirichlet integral.
Michael Sadovskiy, USSR

Mar 48

TOPOLIDI, K.G.

Studying the trajectory of the movement of cone bobbins on the existing openwork weaving machines. Izv. vys. ucheb. zav.; tekhn. teks. prom. no.3:80-85 '64.

(MIRA 17:10)

1. Leningradskiy institut tekstil'noy i legkoy promyshlennosti imeni Kirova.

Topolnik

YUGOSLAVIA/Virology - Human and Animal Viruses.

E-3

Abs Jour : Ref Zhur - Biol., No 3, 1958, 9708

Author : Topolnik, Aleray, Audi

Inst :

Title : Reaction of Complement Fixation in Equine Abortion Virus.

Orig Pub : Veterin. arh., 1955, 25, No 7-8, 188-194

Abstract : With the aid of RSK 358 samples of equine sera were tested; 250 from the Northwestern portion of Khorvatia, where virus abortion prevails, and 108 from districts where no such diseases were observed. Effectiveness of 2 RSK methods was tested (Randall C.C. et al, Proc. Soc. Exptl. Biol. and Med., 1950, 75, 465) and a modified method of the same authors (Doll et al., Am. J. Vet. Res., 1954, 40). In the first method the results were recorded on the basis of 50% hemolysis: positive results were obtained in 42 cases. In using the second method the recording was made only by a total fixation of the complement;

Card 1/2

Topolnik

YUGOSLAVIA/Virology - Human and Animal Viruses.

Abs Jour : Ref Zhur - Biol., No 3, 1958, 9705

E-3

Author : Topolnik, Shebetich, Aleray, Audi, Dzhyukich

Inst : -

Title : Immunological Interrelationship of Equine Abortion Viruses and Grippe in Horses.

Orig Pub : Veterin. arh., 1956, 26, No 1-2, 16-20

Abstract : The complement-linked antibodies of mares' abortion viruses were examined in the serum of 32 grippe-affected horses and 293 healthy animals. The complement fixation test was positive in the majority of diseased horses and negative in almost all the healthy ones. The authors consider that this confirms the relationship or identify of the indicated viruses.

Card 1/1

TOPOLNIK, E.

"Diagnosis & differentiation of *S. pullorum* & *S. gallinarum* by bacteriophage."

Vet. Archiv. 21 : 548-553 - 1951

TOPOLNIK, E. & BEGANOVIC, H. H.

"A Case of lab. infection with Atypical Avian pest, (Newcastle)" Vet. Fac., U. of Zagreb
& Animal Husbandry Inst. for the Vet. Service.

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Inst :

Title : Infection of Goats in Dalmatia Reminiscent of
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by Rickettsia ruminantium. Sheep and large horned cattle
were also affected. In goats, this disease is charac-
terized by its taking an especially acute course and by
high mortality. Its clinical, pathologic and anatomical

Card : 1/2

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Viruses and Rickettsiae.

R

Abs Jour: Ref Zhur-Biol., No 5. 1958, 21592.

data are described. In the organs of dead animals (spontaneously ill or experimentally infected) minute coccoid corpuscles resembling rickettsiae were discovered. These corpuscles were successfully cultivated on hen embryos. The authors are of the opinion that the causative agent of this disease in goats and sheep of Dalmatia is the same one, and that it is probably a rickettsia resembling the causative agent of the "heartwater disease".

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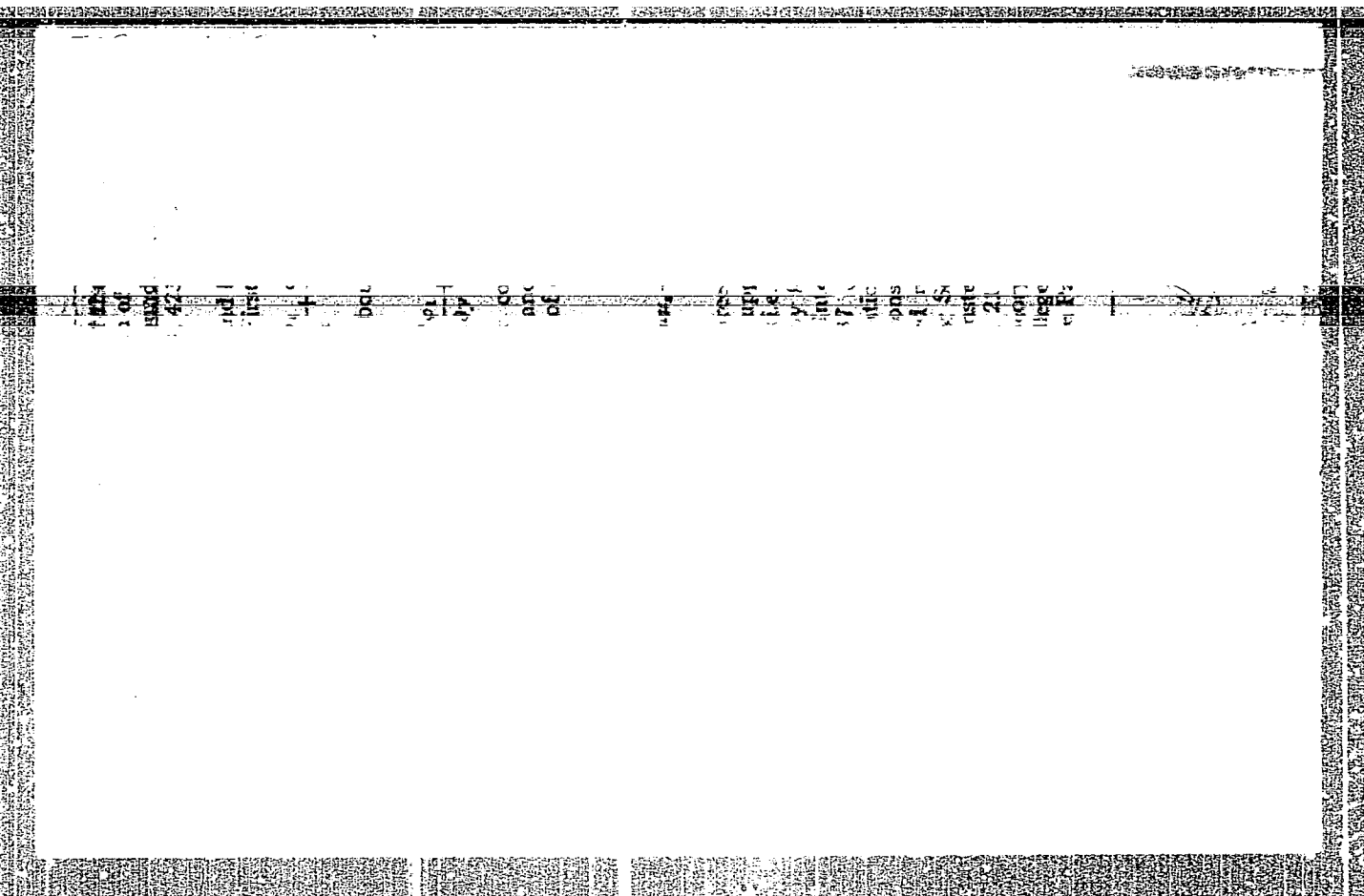
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